

2. Device according to claim 1, in which the introduction means is formed by a tube having at least one opening for introducing the medium into the pre-processed tubular foil.

3. Device according to claim 2, in which the opening is formed by a series of holes.

4. Device according to claim 2, in which the opening is formed by a slit.

5. Device according to claim 2, in which the opening faces away from the first longitudinal edge.

6. Device according to claim 2, in which a tube is positioned for extending in an upstream direction, past the first longitudinal edge, within the tubular foil.

7. Device according to claim 1, further including means for pulling the first longitudinal edge taut.

8. Device according to claim 7, in which the means for pulling the first longitudinal edge taut is adapted for setting the tubular foil at an obtuse angle in the area immediately upstream of the sealing means.

9. Device according to claim 8, in which the means for pulling the first longitudinal edge taut also comprises a supply roll or holder shaft for it that is positioned oblique with respect to the transport direction of the tubular foil at the location of the sealing means.

10. Device according to claim 7, in which the introduction means is formed by a tube having an opening for introducing the medium into the pre-processed tubular foil, said tube being part of the means for pulling the first longitudinal edge taut and comprising two portions that are at an obtuse angle to each other.

11. Device according to claim 10, in which the obtuse angle is approximately 175 degrees.

12. Device according to claim 10, in which the obtuse angle in the tube is buckle-shaped.

13. Device according to claim 10, in which the tube in a downstream portion of the obtuse angle is provided with the opening.

14. Device according to claim 2, in which the cutting means is positioned immediately downstream of the discharge opening.

15. Device according to claim 1, in which the cutting means is positioned at the upstream end of the sealing means.

16. Device according to claim 1, in which the cutting means is positioned at a distance downstream of the upstream end of the sealing means.

17. Device according to claim 1, in which the preprocessed tubular foil is provided with spaced apart transverse seals, each transverse seal extending from the second longitudinal edge up to a distance from the first longitudinal edge.

18. Device according to claim 1, in which the pre-processed tubular foil is provided with repetitive series of a number of consecutive and spaced apart transverse seals, in which each transverse seal extends from the second longitudinal edge up to a distance from the first longitudinal edge, in which at a distance from a last transverse seal of the series a triplet is situated of consecutively and spaced apart from each other a transverse seal, a row of perforations, which row extends from the first to the second longitudinal edge, and a transverse seal, the distance between a transverse seal and the row of perforations of the triplet being smaller than the distance between adjacent ones of the transverse seals.

19. Device according to claim 1, further including perforation means for arranging a row of perforations, which row extends transverse to the supply direction.

20. Series of cushions filled with a medium manufactured by a device according to claim 1 from synthetic pre-processed tubular foil, in which each cushion comprises:  
a second closed off longitudinal edge,  
a first cut-through longitudinal edge formed by two ends situated opposite it, and  
a longitudinal seal situated between the first and the second longitudinal edge, the medium being situated between the longitudinal seal and the second longitudinal edge.

21. Series of cushions according to claim 20, in which the cushions are separated one from the other by a transverse seal.

22. Series of cushions according to claim 20, in which the cushions are separated one from the other by a row of transverse perforations.

23. Cushion filled with a medium manufactured by a device according to claim 1 from synthetic pre-processed tubular foil, in which the cushion comprises:  
a second closed off longitudinal edge,

a first cut-through longitudinal edge formed by two ends situated opposite it,  
and

a longitudinal seal situated between the first and the second longitudinal edge,  
the medium being situated between the longitudinal seal and the second longitudinal  
edge.

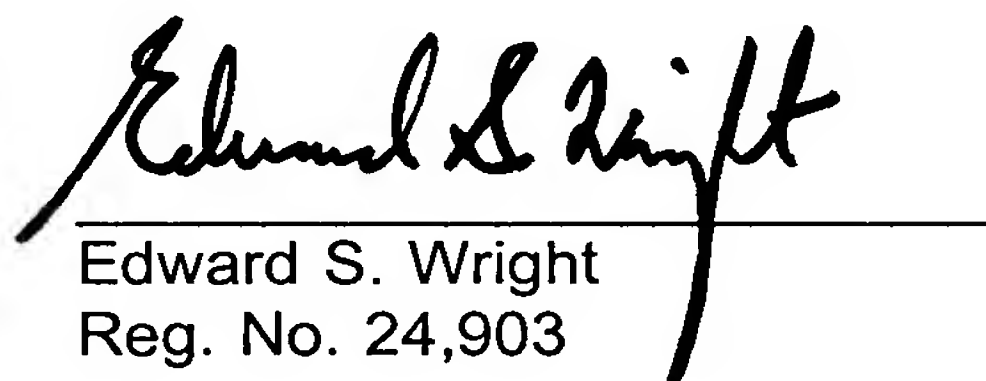
24. Pre-processed tubular foil provided with a first and second longitudinal edge  
opposite each other and spaced apart transverse seals, in which each transverse seal  
extends from the second longitudinal edge up to a distance from the first longitudinal  
edge.

25. Pre-processed tubular foil provided with a first and a second longitudinal  
edge opposite each other and repetitive series of a number of consecutive and spaced  
apart transverse seals, in which each transverse seal extends from the second  
longitudinal edge up to a distance from the first longitudinal edge, in which at a distance  
from a last transverse seal of the series a triplet is situated of consecutively and spaced  
apart from each other a transverse seal, a row of perforations, which row extends from  
the first to the second longitudinal edge, and a transverse seal, the distance between  
a transverse seal and the row of perforations of the triplet being smaller than the  
distance between adjacent ones of the transverse seals.

26. Device according to claim 7, in which the means for pulling the first  
longitudinal edge taut includes means for holding a supply roll of the tubular foil  
obliquely with respect to the transport direction of the tubular foil at the location of the  
sealing means.

Respectfully submitted,

FLEHR HOHBACH TEST  
ALBRITTON & HERBERT LLP



Edward S. Wright  
Reg. No. 24,903

(650) 494-8700